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TO: Shanon Foley
Location: REM 3c21 / 3c18
Art Unit: 1648
Monday, May 23, 2005

Case Serial Number: 6355413

From: Deirdre Arnold
Location: Biotech-Chem Library
REM 1A64
Phone: 571-272-2532

Deirdre.Arnold@uspto.gov

Search Notes

Litigation

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6355413 or 6,355,413	0	Patent, Trademark & Copyright Periodicals, Combined		05/23/2005 13:10:14
6355413 or 6,355,413	0	Patent Cases from Federal Courts and Administrative Materials		05/23/2005 13:09:41
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6303645 or 6,303,645	0	Patent Cases from Federal Courts and Administrative Materials		05/11/2005 08:28:39
patno=6303645	1	Utility, Design and Plant Patents		05/11/2005 08:25:10
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			09:49:26
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6,274,551 or 6274551	0	Patent Cases from Federal Courts and Administrative Materials	05/10/2005 09:48:25
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5770455 or 5,770,455	0	Patent, Trademark & Copyright Periodicals, Combined	05/06/2005 10:08:23
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6,335,183 or 6335183	0	Patent Cases from Federal Courts and Administrative Materials	04/26/2005 15:07:37
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Terms: **patno=6355413** ([Edit Search](#))

269278 (09) 6355413 March 12, 2002

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6355413

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March 12, 2002

Method for determining ion channel activity of a substance

CERT-CORRECTION: December 31, 2002 - a Certificate of Correction was issued for this patent (O.G. January 21, 2003)

APPL-NO: 269278 (09)


FILED-DATE: June 30, 1999

GRANTED-DATE: March 12, 2002

ASSIGNEE-AT-ISSUE: Australian National University, Acton, Australia (AU), 03

ASSIGNEE-AFTER-ISSUE: June 30, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., AUSTRALIAN NATIONAL UNIVERSITY ACTON, AUSTRALIAN CAPITAL TERRITORY 2601 AUSTRALIA, Reel and Frame Number: 10058/0704

CORE TERMS: channel, cell, ion, protein, vpu, coli, proline, strain, host, metabolite ...

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Terms: **patno=6355413** ([Edit Search](#))

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Date/Time: Monday, May 23, 2005 - 1:07 PM EDT

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Foley 6,355,413

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Job Number: 1822:45661534

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Research Information:

Utility, Design and Plant Patents
patno=6355413

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ALEXANDRIA, VA 22314

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6355413

[Link to Claims Section](#)

March 12, 2002

Method for determining ion channel activity of a substance

CERT-CORRECTION: December 31, 2002 - a Certificate of Correction was issued for this patent (O.G. January 21, 2003)

APPL-NO: 269278 (09)

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ASSIGNEE-AT-ISSUE: Australian National University, Acton, Australia (AU), 03

ASSIGNEE-AFTER-ISSUE: June 30, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS) ., AUSTRALIAN NATIONAL UNIVERSITY ACTON, AUSTRALIAN CAPITAL TERRITORY 2601 AUSTRALIA, Reel and Frame Number: 10058/0704

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Print Request: All Documents

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August 15, 2004, Sunday IOWA;MIDLANDS;NEBRASKA;SUNRISE EDITION

SECTION: SPORTS; Pg. 12C;

LENGTH: 509 words

HEADLINE: DeSoto hunts

2 of 3 DOCUMENTS

Copyright 2002 States News Service
States News Service

June 6, 2002, Thursday

LENGTH: 1431 words

HEADLINE: BIOTERRORISM PREPAREDNESS GRANTS FACT SHEET RELEASED

BYLINE: By States News Service

DATeline: WASHINGTON

BODY:

...South Dakota -- \$7,222,917

- Public health systems: \$6,680,486

- Hospital plan: \$542,431

Vermont -- \$6,841,277

- Public health systems: \$6,355,413

- Hospital plan: \$485,864

Washington -- \$20,655,319

- Public health systems: \$18,121,901

- Hospital plan: \$2,533,418

West Virginia -- \$9,976,425

- ...

3 of 3 DOCUMENTS

Copyright 2002 AAP Information Services Pty. Ltd.
AAP Company News

May 23, 2002, Thursday

SECTION: Financial News

LENGTH: 495 words

HEADLINE: BIT - Company compound shown to inhibit HIV-1

BODY:

...potential anti-HIV
drug candidate using Biotron's patented method for determining ion
channel activity (US 6355413) which identifies inhibitors of the
HIV-1 Vpu protein. Vpu is a protein that forms ion channels in
cellular membranes, and ...

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Foley 6,355,413 23/05/2005

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Search statement 1

Query/Command : us6355413/pn

** SS 1: Results 1

Search statement 2

Query/Command : PRT SS 1 MAX 1 LEGALALL

1 / 1 PLUSPAT - @QUESTEL-ORBIT

Patent Number :

US6355413 B1 20020312 [US6355413]

Title :

(B1) Method for determining ion channel activity of a substance

Patent Assignee :

(B1) UNIV AUSTRALIAN (AU)

Patent Assignee :

Australian National University, Acton [AU]

Inventor(s) :

(B1) COX GRAEME BARRY (AU); EWART GARY DINNEEN (AU); GAGE PETER
WILLIAM (AU)

Application Nbr :

US26927899 19990630 [1999US-0269278]

Filing Details :

PCT/NO97/00638 19970926 [1997WO-NO00638]

WO98/13514 19980402 [WO9813514]

Priority Details :

AUPO258196 19960927 [1996AU-0002581]

WOAU9700638 19970926 [1997WO-AU00638]

Intl Patent Class :

(B1) C12N-005/00 C12P-001/00 C12Q-001/70 C12Q-003/00

EPO ECLA Class :

C12Q-001/02B

US Patent Class :

ORIGINAL (O) : 435005000; CROSS-REFERENCE (X) : 435003000 435041000
435069300 435325000

Document Type :

Corresponding document

Citations :

AU3460289

Derwent Abstract Accession No. 92-175825/22, Class B04 D16, DD 297186, A
(University Berlin Humboldt) Jan. 2, 1992.

Piller et al.; Vpr protein of human immunodeficiency virus type 1 froms
cation-selective channels in planar lipid bilayers; PNAC; vol. 93; pp.
111-115, Jan. 1996.*

Yamato et al.; Site specific alteration of arginine 376 the unique
positively charged . . . ; J. Biol. Chem.; vol. 269, No. 8; pp.
5720-5724, Feb. 1994.

Publication Stage :

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

Abstract :

A method for determining the ion channel activity of a substance
comprises the steps of (i) expressing the substance as a heterologous
protein in a host cell, and (ii) determining changes in permeability of
the plasma membrane of the host cell induced by expression of the
heterologous protein. A screening method for determining ion channel
modulating activity of a test substance is also disclosed.

Update Code :

2002-12

1 / 1 LGST - @EPO

Patent Number :

US6355413 B1 20020312 [US6355413]

Application Number :

US26927899 19990630 [1999US-0269278]

Action Taken :

20021231 US/CC-A

CERTIFICATE OF CORRECTION

20040928 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20040311
Update Code :
2004-41

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,355,413 A 20020312 [US6355413]

Patent Assignee :

Australian National University The AU

Actions :

20040311 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040928
REISSUE REQUEST NUMBER: 10/800361
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1648

Reissue Patent Number:

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